

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080123\
 Data File : BP016447.D
 Acq On : 01 Aug 2023 09:57
 Operator : MA/JU
 Sample : 03769-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-P4B

Quant Time: Aug 01 15:48:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 01:48:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

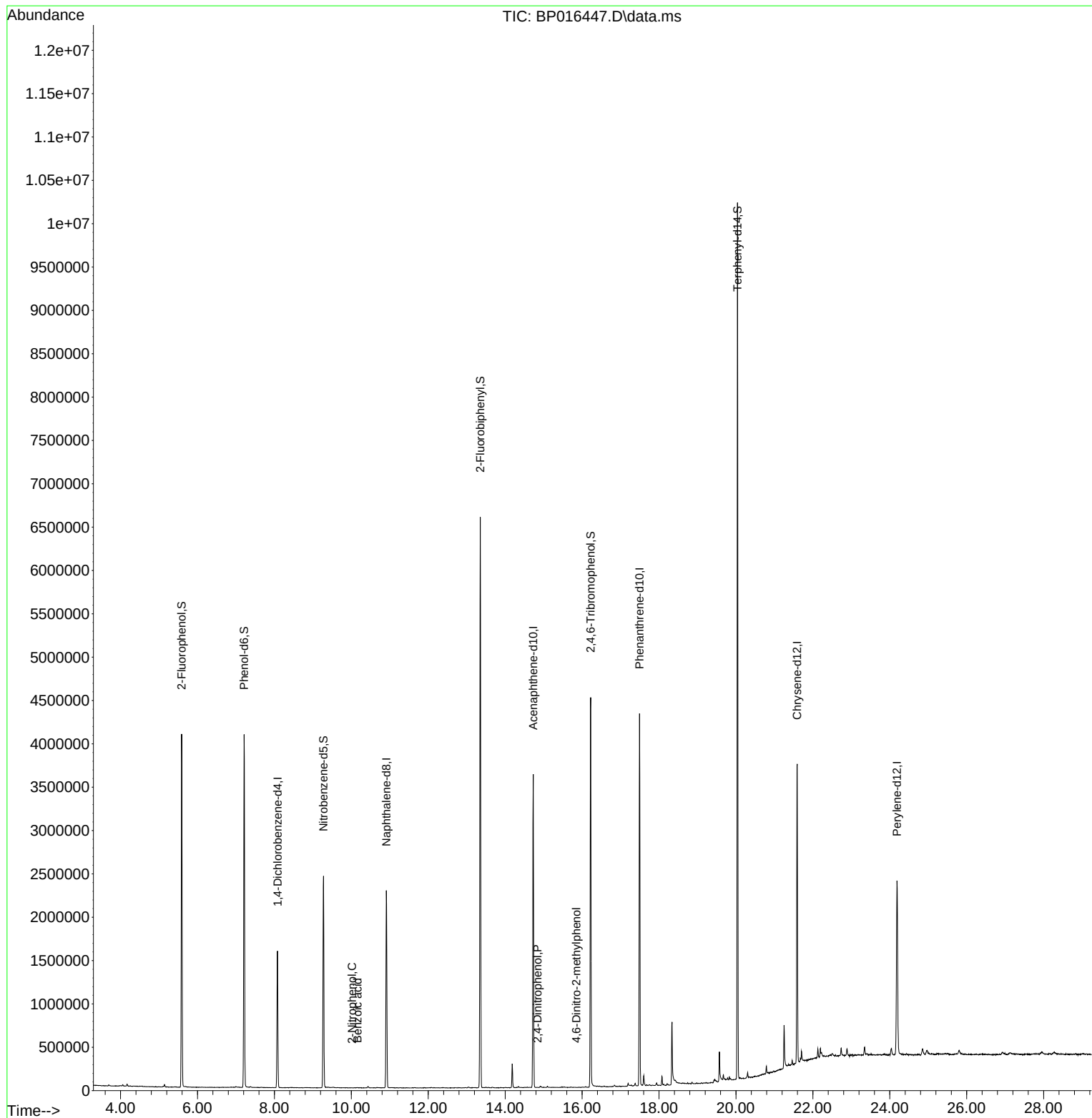
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	428006	20.000	ng	-0.01
21) Naphthalene-d8	10.910	136	1852578	20.000	ng	-0.02
39) Acenaphthene-d10	14.728	164	1147779	20.000	ng	0.00
64) Phenanthrene-d10	17.492	188	2430119	20.000	ng	0.00
76) Chrysene-d12	21.592	240	1644874	20.000	ng	0.00
86) Perylene-d12	24.186	264	1576356	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1799071	68.574	ng	-0.02
7) Phenol-d6	7.211	99	2392434	66.530	ng	-0.02
23) Nitrobenzene-d5	9.275	82	1392985	42.091	ng	-0.02
42) 2,4,6-Tribromophenol	16.222	330	796853	47.192	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	3297557	41.189	ng	-0.01
79) Terphenyl-d14	20.039	244	4275838	54.912	ng	0.00
Target Compounds						
9) Benzaldehyde	7.216	77	4769	Below Cal	Qvalue #	6
26) 2-Nitrophenol	10.016	139	42	3.128 ng	#	1
32) Benzoic acid	10.157	122	302	6.299 ng	#	1
54) 2,4-Dinitrophenol	14.840	184	34	8.005 ng	#	1
65) 4,6-Dinitro-2-methylph...	15.851	198	10	6.302 ng	#	1

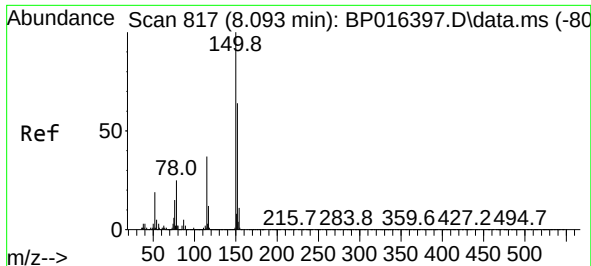
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080123\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 01:48:25 2023
Response via : Initial Calibration

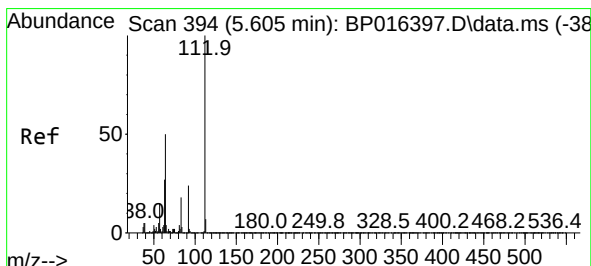
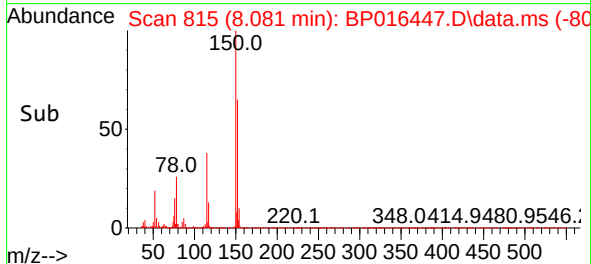
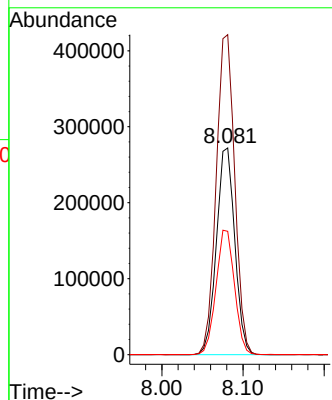
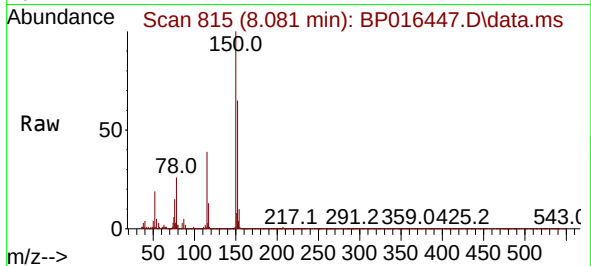




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.081 min Scan# 817
Delta R.T. -0.012 min
Lab File: BP016447.D
Acq: 01 Aug 2023 09:57

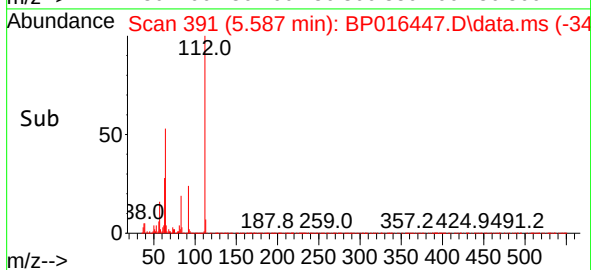
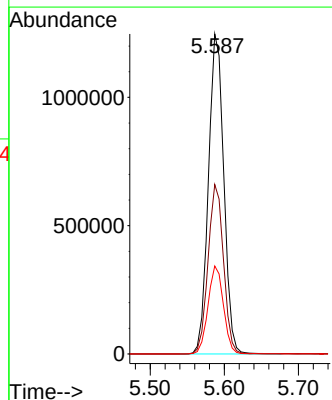
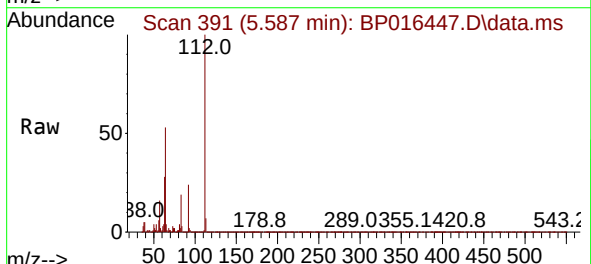
Instrument :
BNA_P
ClientSampleId :
B-P4B

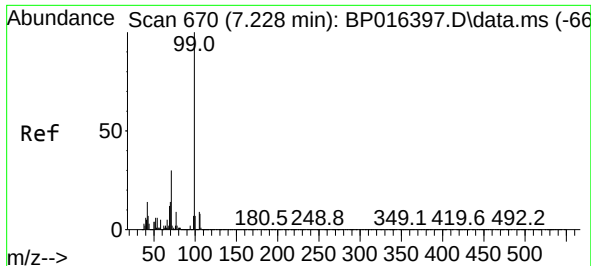
Tgt Ion:152 Resp: 428006
Ion Ratio Lower Upper
152 100
150 154.7 124.9 187.3
115 59.6 46.8 70.2



#5
2-Fluorophenol
Concen: 68.574 ng
RT: 5.587 min Scan# 391
Delta R.T. -0.018 min
Lab File: BP016447.D
Acq: 01 Aug 2023 09:57

Tgt Ion:112 Resp: 1799071
Ion Ratio Lower Upper
112 100
64 53.0 40.0 60.0
63 27.5 21.2 31.8

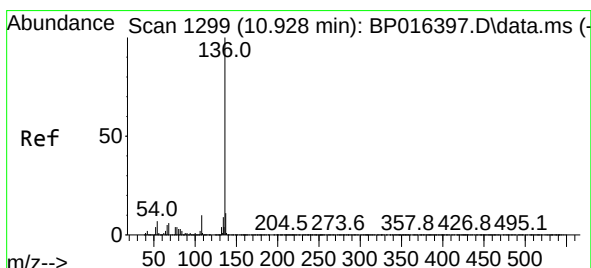
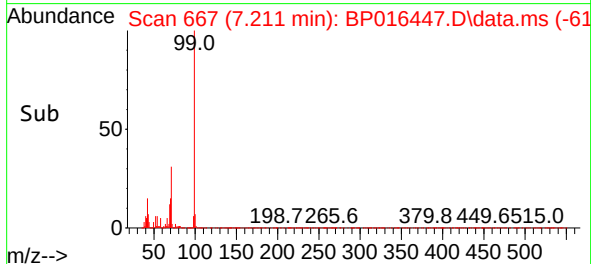
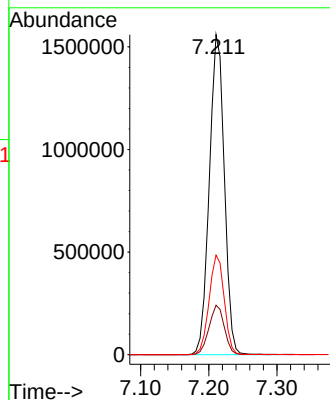
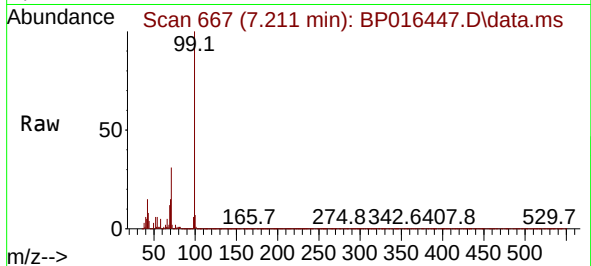




#7
Phenol-d6
Concen: 66.530 ng
RT: 7.211 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP016447.D
Acq: 01 Aug 2023 09:57

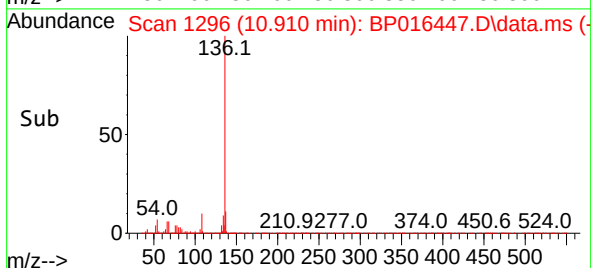
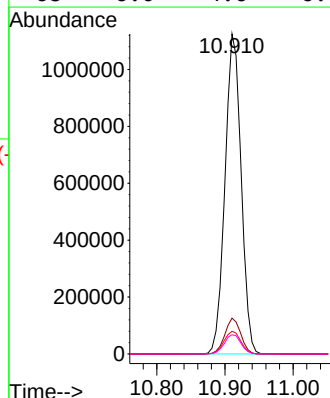
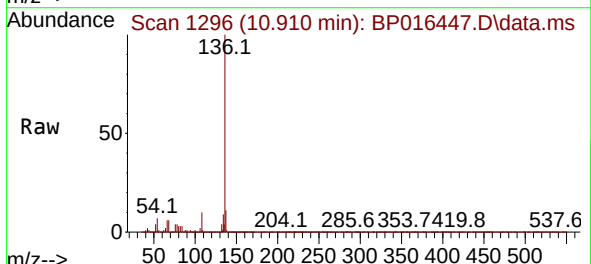
Instrument :
BNA_P
ClientSampleId :
B-P4B

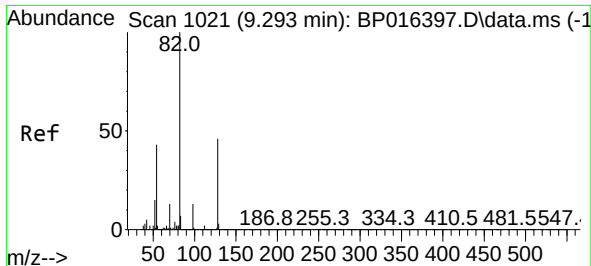
Tgt Ion: 99 Resp: 2392434
Ion Ratio Lower Upper
99 100
42 15.5 11.6 17.4
71 31.1 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.910 min Scan# 1296
Delta R.T. -0.018 min
Lab File: BP016447.D
Acq: 01 Aug 2023 09:57

Tgt Ion: 136 Resp: 1852578
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 7.1 5.6 8.4
68 6.0 4.6 6.8

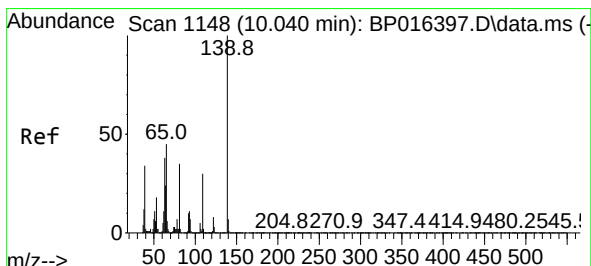
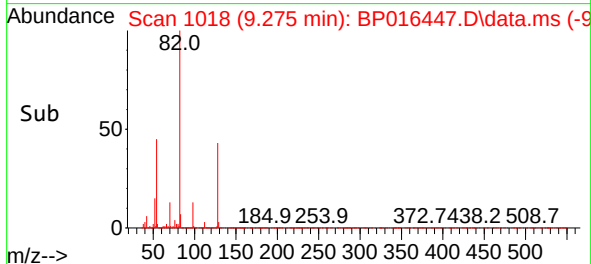
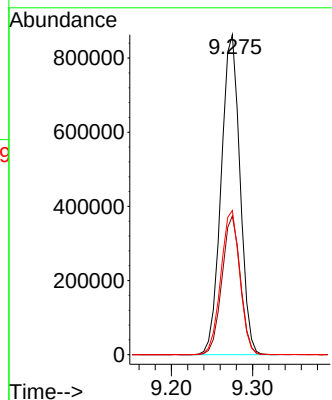
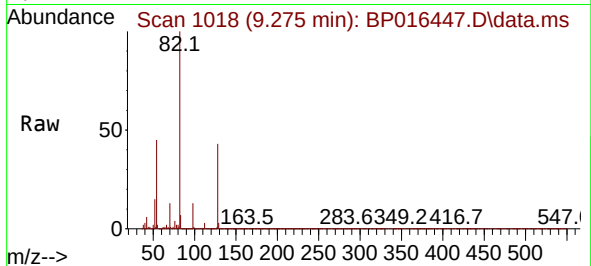




#23
Nitrobenzene-d5
Concen: 42.091 ng
RT: 9.275 min Scan# 1018
Delta R.T. -0.018 min
Lab File: BP016447.D
Acq: 01 Aug 2023 09:57

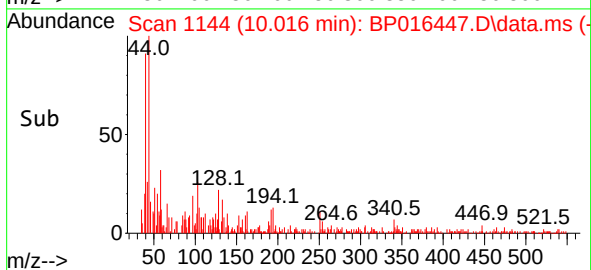
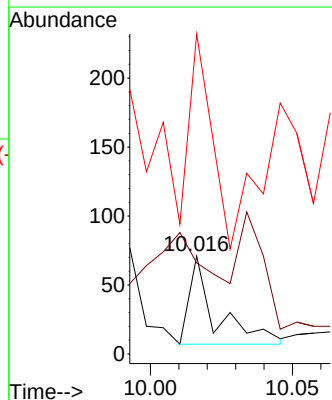
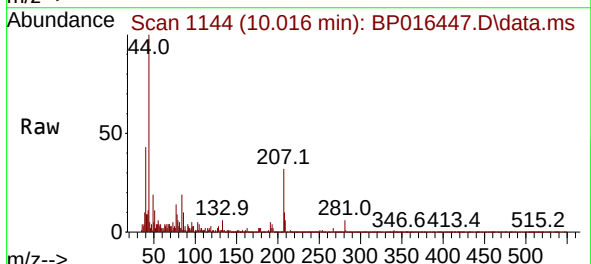
Instrument :
BNA_P
ClientSampleId :
B-P4B

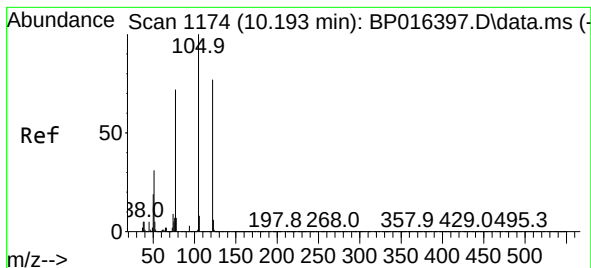
Tgt Ion: 82 Resp: 1392985
Ion Ratio Lower Upper
82 100
128 43.4 36.6 55.0
54 45.1 34.5 51.7



#26
2-Nitrophenol
Concen: 3.128 ng
RT: 10.016 min Scan# 1144
Delta R.T. -0.024 min
Lab File: BP016447.D
Acq: 01 Aug 2023 09:57

Tgt Ion: 139 Resp: 42
Ion Ratio Lower Upper
139 100
109 93.0 24.2 36.4#
65 326.8 35.8 53.6#





#32

Benzoic acid

Concen: 6.299 ng

RT: 10.157 min Scan# 1168

Delta R.T. -0.036 min

Lab File: BP016447.D

Acq: 01 Aug 2023 09:57

Instrument :

BNA_P

ClientSampleId :

B-P4B

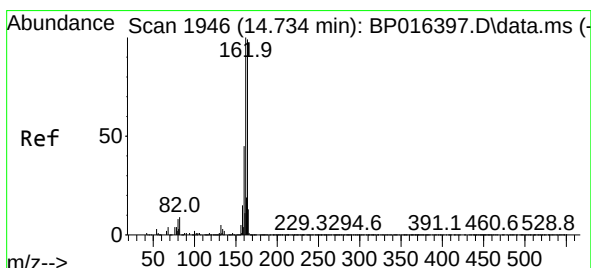
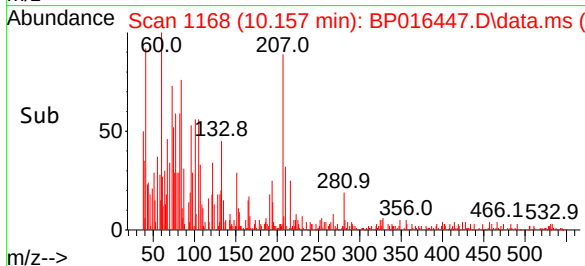
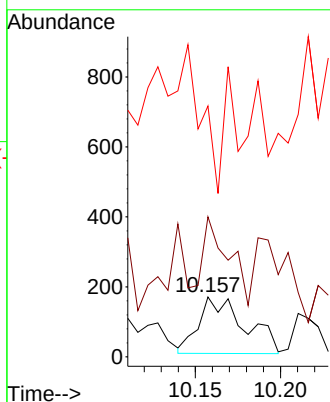
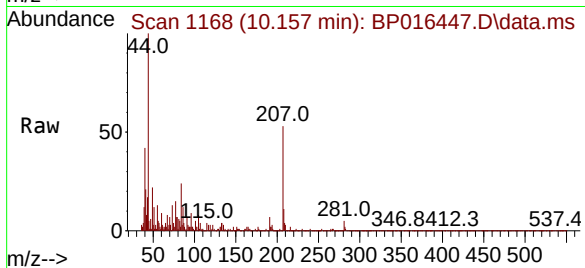
Tgt Ion:122 Resp: 302

Ion Ratio Lower Upper

122 100

105 233.9 105.2 145.2#

77 419.3 72.2 112.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.728 min Scan# 1945

Delta R.T. -0.006 min

Lab File: BP016447.D

Acq: 01 Aug 2023 09:57

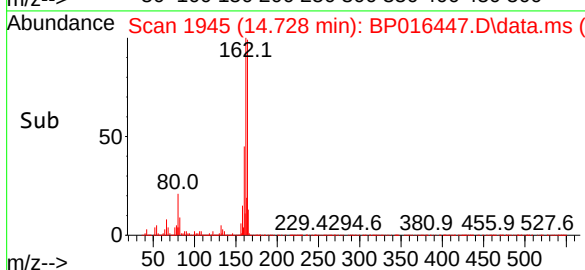
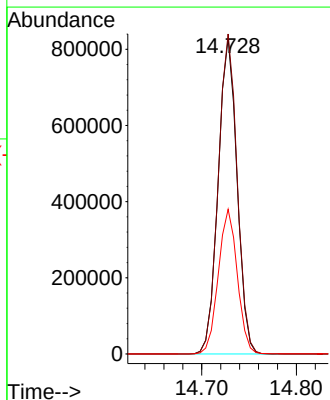
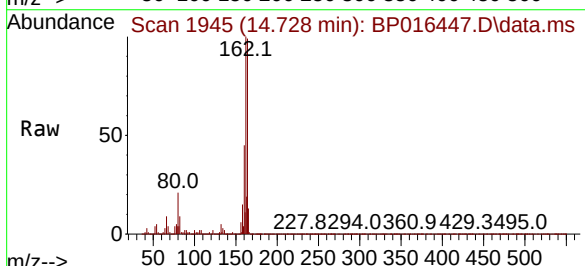
Tgt Ion:164 Resp: 1147779

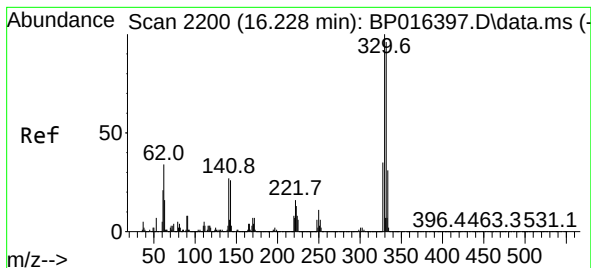
Ion Ratio Lower Upper

164 100

162 101.5 81.0 121.6

160 45.9 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 47.192 ng

RT: 16.222 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016447.D

Acq: 01 Aug 2023 09:57

Instrument :

BNA_P

ClientSampleId :

B-P4B

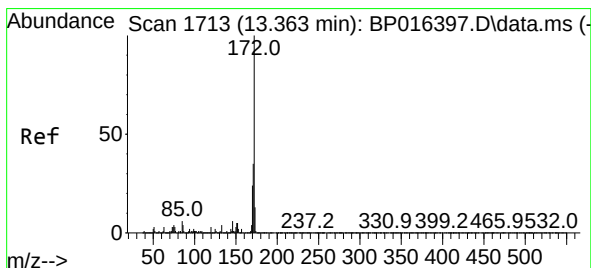
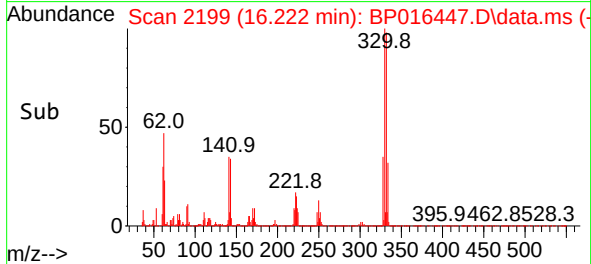
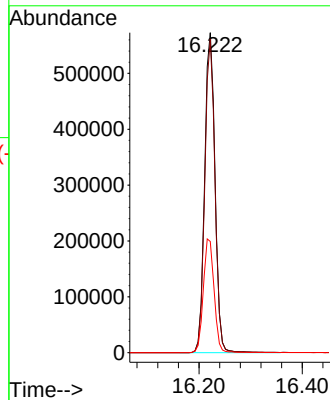
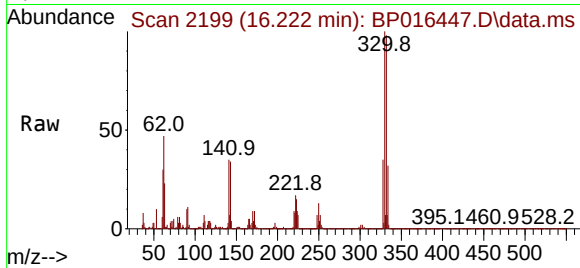
Tgt Ion:330 Resp: 796853

Ion Ratio Lower Upper

330 100

332 96.3 77.8 116.8

141 37.0 22.6 34.0#



#45

2-Fluorobiphenyl

Concen: 41.189 ng

RT: 13.351 min Scan# 1711

Delta R.T. -0.012 min

Lab File: BP016447.D

Acq: 01 Aug 2023 09:57

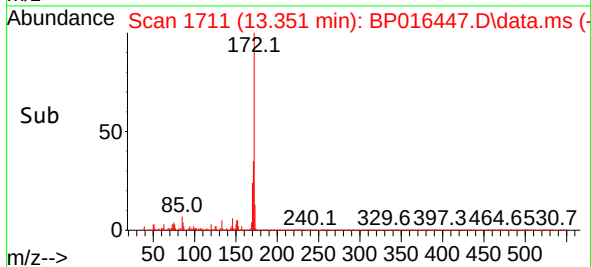
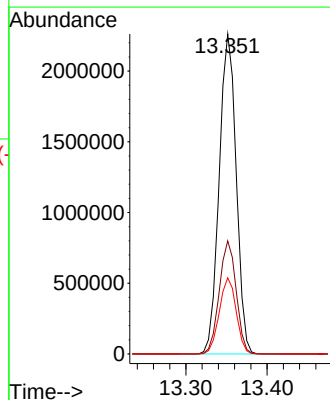
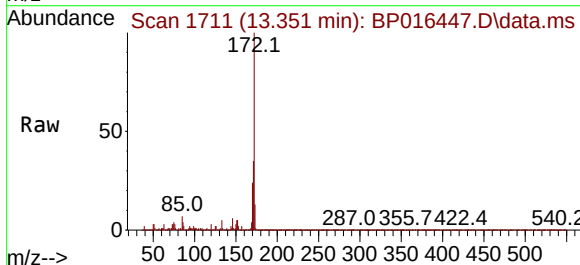
Tgt Ion:172 Resp: 3297557

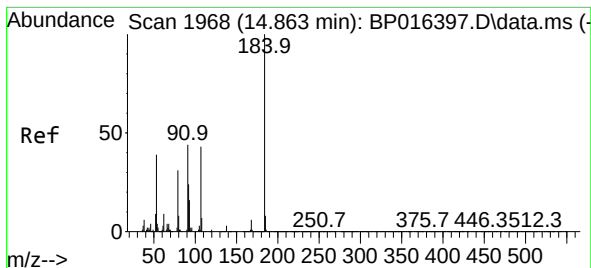
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.8 19.1 28.7

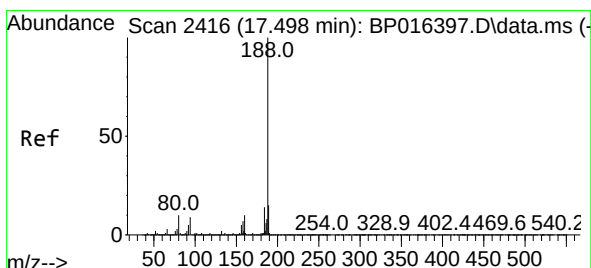
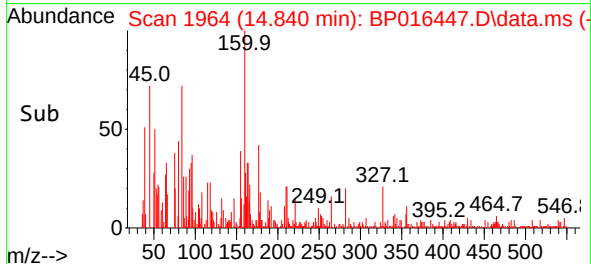
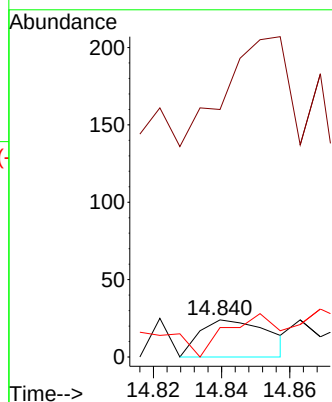
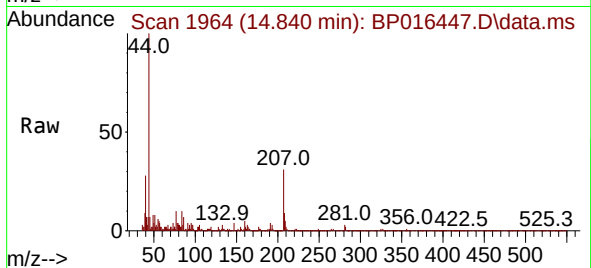




#54
2,4-Dinitrophenol
Concen: 8.005 ng
RT: 14.840 min Scan# 1964
Delta R.T. -0.023 min
Lab File: BP016447.D
Acq: 01 Aug 2023 09:57

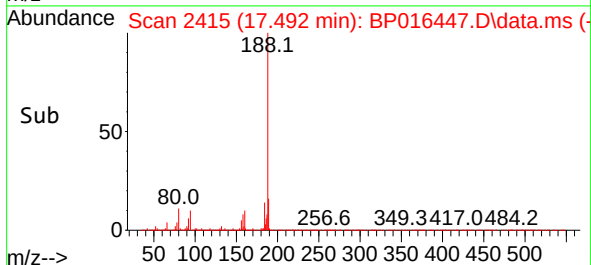
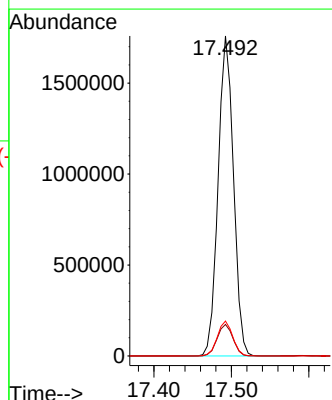
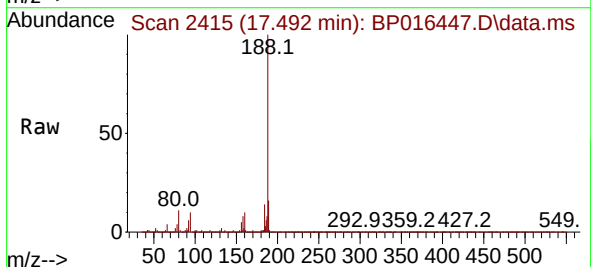
Instrument :
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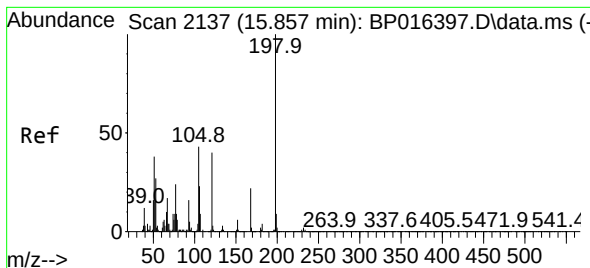
Tgt Ion:184 Resp: 34
Ion Ratio Lower Upper
184 100
63 666.7 48.2 72.4#
154 79.2 49.6 74.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.492 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP016447.D
Acq: 01 Aug 2023 09:57

Tgt Ion:188 Resp: 2430119
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.0
80 10.9 7.8 11.8

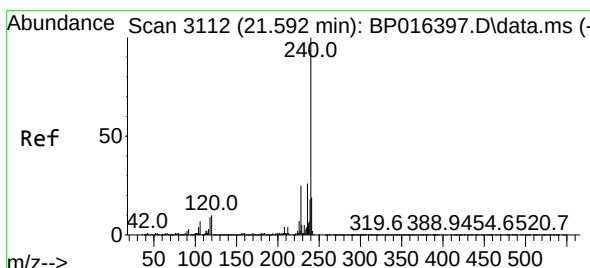
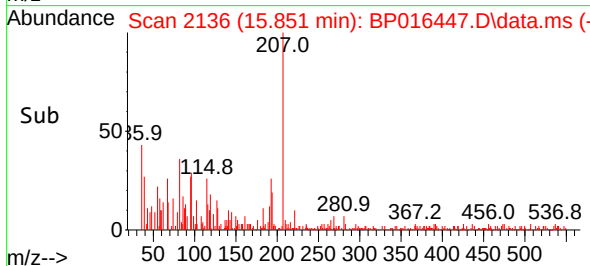
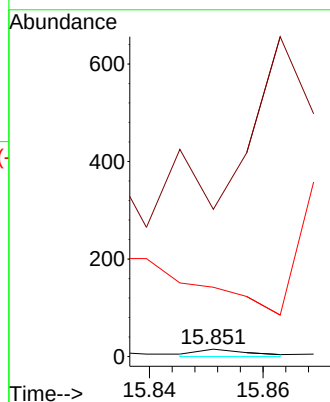
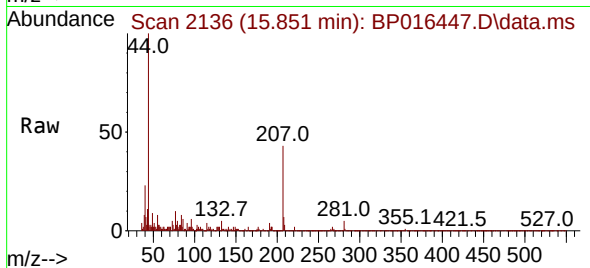




#65
4,6-Dinitro-2-methylphenol
Concen: 6.302 ng
RT: 15.851 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BP016447.D
Acq: 01 Aug 2023 09:57

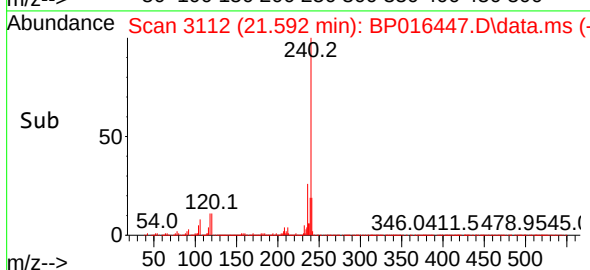
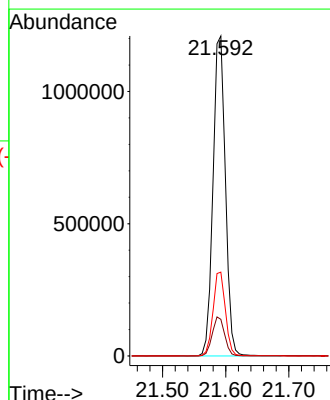
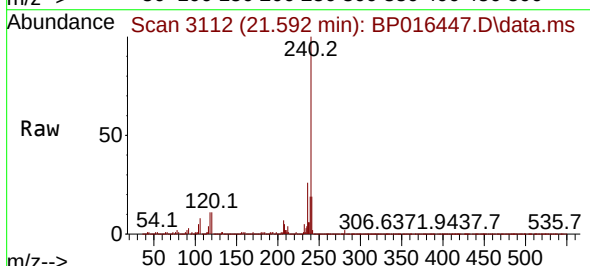
Instrument :
BNA_P
ClientSampleId :
B-P4B

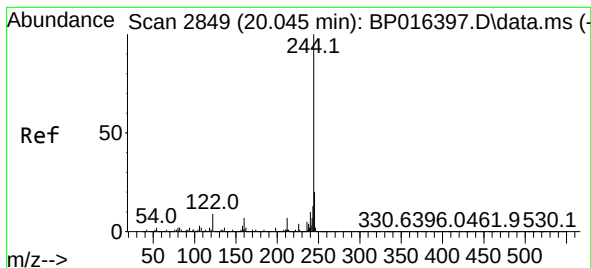
Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
51 2013.3 20.1 60.1#
105 946.7 23.1 63.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BP016447.D
Acq: 01 Aug 2023 09:57

Tgt Ion:240 Resp: 1644874
Ion Ratio Lower Upper
240 100
120 11.4 7.9 11.9
236 26.2 21.1 31.7





#79

Terphenyl-d14

Concen: 54.912 ng

RT: 20.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016447.D

Acq: 01 Aug 2023 09:57

Instrument :

BNA_P

ClientSampleId :

B-P4B

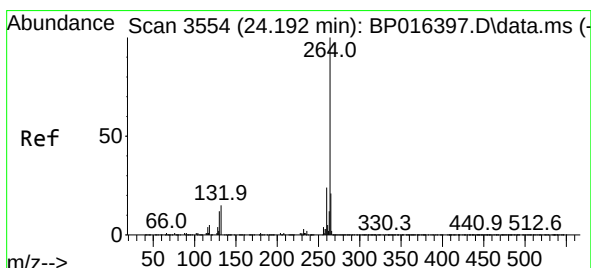
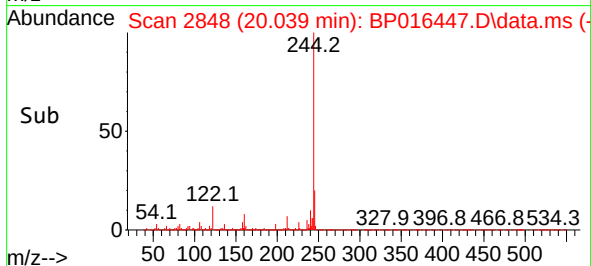
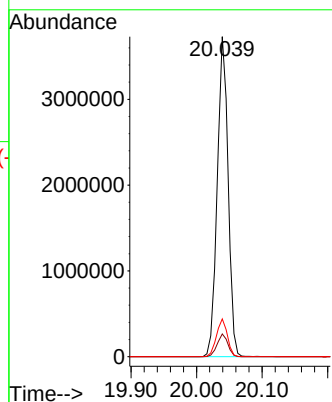
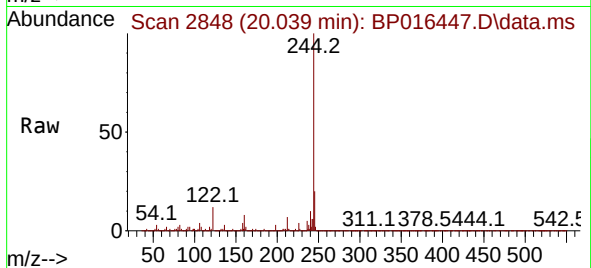
Tgt Ion:244 Resp: 4275838

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 11.8 7.4 11.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.186 min Scan# 3553

Delta R.T. -0.006 min

Lab File: BP016447.D

Acq: 01 Aug 2023 09:57

Tgt Ion:264 Resp: 1576356

Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

265 21.2 17.4 26.0

